| •••• | - <b>-</b> | Claims |  |
|------|------------|--------|--|
|      |            |        |  |

| App | licati | on/C | ontrol | No. |
|-----|--------|------|--------|-----|
|-----|--------|------|--------|-----|

09/684,904

Examiner

Dana Farahani

Applicant(s)/Patent under Reexamination

KON ET AL.

Art Unit

2891

| √ | Rejected |
|---|----------|
| _ | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted ·                   |

| N | Non-Elected  |  |
|---|--------------|--|
| _ | Interference |  |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla      | aim                        | Date         |          |              |          |              |          |          |          |              |  |
|----------|----------------------------|--------------|----------|--------------|----------|--------------|----------|----------|----------|--------------|--|
| Final    | Original                   | 5/26/05      |          |              |          |              |          |          |          |              |  |
|          | 1                          | -            |          | Г            |          |              | _        |          |          |              |  |
|          | 2                          |              |          | Ħ            |          |              |          |          |          |              |  |
|          | 3                          |              |          |              |          |              |          |          |          | П            |  |
|          | 1<br>2<br>3<br>4<br>5      | -            |          |              |          |              |          |          |          |              |  |
|          | 5                          | -            |          | П            |          |              |          |          |          |              |  |
|          | 6                          |              | _        | _            |          | _            |          |          |          |              |  |
|          | 6<br>7                     | -            |          |              |          |              |          |          |          |              |  |
|          | 8                          | -            |          |              |          |              | _        | _        |          |              |  |
|          | 9                          |              |          |              |          |              |          |          |          |              |  |
|          | 10                         |              | Г        |              |          |              |          |          | $\Box$   |              |  |
|          | 11                         |              | $\Box$   | Π            |          |              |          |          |          |              |  |
|          | 12                         |              |          |              |          |              |          |          |          |              |  |
|          | 11<br>12<br>13<br>14<br>15 |              |          |              |          |              |          |          |          |              |  |
|          | 14                         |              |          |              |          |              |          |          |          |              |  |
|          | 15                         |              |          |              |          |              |          |          |          |              |  |
|          | 16                         | _            |          |              |          |              |          |          |          |              |  |
|          | 17                         |              |          |              |          |              |          |          |          |              |  |
|          | 18                         | _            |          |              |          |              |          |          |          |              |  |
|          | 17<br>18<br>19             |              |          |              |          |              |          |          |          |              |  |
|          | 20                         |              |          |              |          |              |          |          |          |              |  |
|          | 20<br>21                   |              |          |              |          |              |          |          |          |              |  |
|          | 22<br>23                   |              |          |              | L        |              |          |          |          |              |  |
|          | 23                         | -            |          |              |          | L.           |          |          |          |              |  |
|          | 24                         |              |          |              |          |              |          |          |          |              |  |
| 1        | 25                         | =            |          |              | _        | L            |          |          |          |              |  |
| 3        | 26                         | =            |          |              |          |              |          |          |          |              |  |
|          | 27                         | =            |          |              |          |              |          |          |          |              |  |
| 4        | 28<br>29                   | =            | _        | _            |          |              |          |          |          |              |  |
| 5        | 29                         | =            |          | <u> </u>     |          |              | _        |          |          |              |  |
| 6        | 30                         | =            | _        |              | _        |              |          |          |          |              |  |
| 7        | 31                         | =            |          |              | <u></u>  |              |          |          |          |              |  |
| 8        | 32                         | =            | _        | <u> </u>     |          | _            |          |          |          | $oxed{oxed}$ |  |
| 9        | 33                         | =            | <u> </u> | _            | <u> </u> | _            |          |          | _        | _            |  |
| 10       | 34                         | =            | <u> </u> | <del> </del> | <u> </u> | $\vdash$     | <u> </u> | _        |          | $\vdash$     |  |
|          | 35                         | <u> </u>     | <u> </u> | <u> </u>     | <u> </u> | <u> </u>     | L.       | _        | H        | Ш            |  |
|          | 36                         | <b> </b>     | <u> </u> | <b>├</b> ─   | <u> </u> | <b> </b> -   | <b> </b> | <u> </u> |          | <u> </u>     |  |
|          | 37                         | <u> </u>     | <u> </u> | <u> </u>     | <u> </u> |              | <u> </u> |          |          | <u> </u>     |  |
|          | 38                         |              | <b> </b> | -            | $\vdash$ | <u> </u>     | _        | _        | $\vdash$ |              |  |
| <u> </u> | 39                         | -            | <u> </u> | <u> </u>     | _        | $\vdash$     | <u> </u> | <u> </u> | <u> </u> | <u> </u>     |  |
|          | 40                         | $\vdash$     | ⊢        | $\vdash$     | $\vdash$ | $\vdash$     | $\vdash$ | -        | $\vdash$ | $\vdash$     |  |
|          | 41                         | -            | <u> </u> | $\vdash$     | $\vdash$ | $\vdash$     | $\vdash$ |          | -        |              |  |
|          | 42                         | -            | -        | -            | $\vdash$ | $\vdash$     | <u> </u> |          | $\vdash$ |              |  |
|          | 44                         | -            |          | $\vdash$     |          | <del> </del> |          | $\vdash$ | ├—       |              |  |
|          | 45                         |              | ├        | ├            | ├        | -            |          | <u> </u> | <u> </u> |              |  |
|          |                            | -            |          |              |          | <u> </u>     | <u> </u> | <u> </u> | <u> </u> | $\vdash$     |  |
|          | 46                         | -            | <u> </u> | <del> </del> | H        | $\vdash$     | $\vdash$ |          |          | -            |  |
| <u> </u> | 47<br>48                   | <del> </del> | ├        | ├-           | 1        | $\vdash$     | <u> </u> | <u> </u> | ├—       | -            |  |
|          | 48                         | ├            |          | $\vdash$     |          | $\vdash$     | ├        | ⊢        | $\vdash$ | $\vdash$     |  |
|          | 50                         | $\vdash$     | ⊢        | -            | -        |              | ├—       | -        |          | $\vdash$     |  |
| l        | ı JU                       | 1            |          | 1            | 1        | ı            | 1        |          | ı        | 1            |  |

| Claim    | T             |              | -  |          | Date   |  |  |  |  |   | Cla   | im       |          |          |          | [        | Date           | <del></del>  | -  |  |                 |
|----------|---------------|--------------|--|----------|--|--|--|--|--|---|-------|----------|----------|----------|----------|----------|----------------|--------------|--|--|-----------------|
|          | T             |              |  |          |  |  |  |  |  |   |       |          |          |          |          |          |                |              |  |  |                 |
| na l     | 92            |              |  |          |  |  |  |  | ĺ  |   | ਰ     | ina      |          |          |          |          |                |              |  |  |                 |
| Original | 5/26/05       |              |  |          |  |  |  |  |  |   | Final | Original |          |          |          |          |                |              |  |  |                 |
| Ő        | (2)           |              |  |          |  |  |  |  |  |   |       | Õ        |          |          |          |          |                |              |  |  |                 |
| 1        | <del> </del>  | $\vdash$     | $\vdash$   | $\vdash$ | <del>                                     </del>   |  | $\vdash$   | <del>                                     </del> | $\vdash$   |   |       | 51       |          | $\dashv$ | _        |          | -              |              | -  | $\vdash$   | $\dashv$        |
| 2        | -             | $\vdash$     | $\vdash$   | -        |  |  |  | $\vdash$   | _  |   |       | 52       | $\dashv$ | $\dashv$ | _        | -        |                |              |  |  | -               |
| 3        | +=            | $\vdash$     | $\vdash$   | $\vdash$ | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   |   |       | 53       | -        | $\dashv$ | _        | _        | -              |              | -  | -  | Н               |
| 13       | $\overline{}$ | $\vdash$     | $\vdash$   |          | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | -  |   |       | 54       |          | $\dashv$ | _        | _        | <u> </u>       | $\vdash$     | -  | -  | $\vdash\vdash$  |
| 5        | +-            | -            | $\vdash$   |          | _  | -  | $\vdash$   | $\vdash$   | $\vdash$   |   |       | 54<br>55 |          | $\dashv$ |          |          | -              | <del> </del> |  | $\vdash$   | $\vdash$        |
|          |               | -            |  |          |  |  |  | <del> </del>                                     | <del> </del>                                     |   |       | 50       |          | -        |          |          | $\vdash$       | $\vdash$     | $\vdash$   |  | $\vdash$        |
| 6        | -             | $\vdash$     | $\vdash$   |          | $\vdash$   | $\vdash$   | <u> </u>   | $\vdash$   | $\vdash$   |   |       | 56       | -        |          |          |          | <u> </u>       | <del> </del> | ├-   | H  | Н               |
| 7        | <del> -</del> | <u> </u>     | $\vdash$   |          |  |  | -  |  | <del> </del>                                     |   |       | 57       |          | _        |          |          | <u> </u>       | _            | ├  |  | $\vdash$        |
| 8        | -             | <u> </u>     |  |          | <u> </u>   |  | <u> </u>   | _  |  |   |       | 58       | $\Box$   |          | _        |          | <u> </u>       | <u> </u>     | <u> </u>   |  | Н               |
| 9        | -             | _            |  |          |  | <u> </u>   | _  | <u> </u>   |  |   |       | 59       |          | _        |          |          | _              |              |  |  |                 |
| 10       | <u> </u>      | <u> </u>     | <u> </u>   |          | <u> </u>   | <u> </u>   |  |  | _  |   |       | 60       |          | _        |          |          | L_             | <b> </b>     | <u> </u>   | <u> </u>   | Ш               |
| 11       | -             |              |  |          |  |  |  |  |  |   |       | 61       |          |          |          |          |                | ļ            | _  |  | Ш               |
| 12       | _             |              |  |          | $ldsymbol{ld}}}}}}$ |  |  |  |  |   |       | 62       |          |          |          |          | L              | L            | L  |  | Ш               |
| 13       |               |              |  |          |  | <u> </u>   |  |  |  |   |       | 63       |          |          |          |          |                |              |  |  |                 |
| 14       | -             | L            |  |          |  | L  |  | L  | L  |   |       | 64       |          |          |          |          | L.             | L            |  |  |                 |
| 15       | -             |              |  |          |  |  |  |  |  |   |       | 65       |          |          |          |          |                |              |  |  |                 |
| 16       | 1-            |              |  |          |  |  |  | <u> </u>   | Γ  |   |       | 66       |          |          |          |          |                |              |  |  |                 |
| 17       |               |              |  |          |  |  |  |  |  |   |       | 67       |          |          |          | _        |                |              |  |  | П               |
| 18       |               | _            | $\vdash$   |          |  |  |  | Г  |  |   |       | 68       |          |          |          |          |                |              |  |  |                 |
| 19       | 1-            | $\vdash$     | $\vdash$   |          |  | <del>                                     </del> |  | $\vdash$   | <b>†</b>   |   |       | 69       |          |          | _        | _        | $\overline{}$  | <u> </u>     | <b> </b>   |  | П               |
| 20       |               | $\vdash$     | Н  | П        | Н  | $\vdash$   |  |  | <del> </del>                                     |   |       | 70       |          | $\neg$   |          |          |                | $\vdash$     | <del>                                     </del> | $\Box$   | $\Box$          |
| 21       | -             | <del> </del> |  |          |  | $\vdash$   | $\vdash$   |  | <u> </u>   |   |       | 71       |          | $\dashv$ |          |          | $\vdash$       | $\vdash$     | _  | _  | $\vdash$        |
| 22       | -             | <del> </del> |  | H        | $\vdash$   | $\vdash$   | $\vdash$   |  | $\vdash$   |   |       | 72       |          | -        |          |          |                | $\vdash$     | <del>                                     </del> | $\vdash$   | Н               |
| 23       | -             | $\vdash$     | $\vdash$   | $\vdash$ | -  |  | -  | -  | <del> </del>                                     |   |       | 73       | $\vdash$ | $\dashv$ |          |          | ├─             | ├─           | $\vdash$   | <del>                                     </del> | $\vdash \vdash$ |
| 24       | -             | $\vdash$     | $\vdash$   | $\vdash$ | <del> </del>   | <del> </del>                                     |  | <del>  -</del>                                   | -  |   |       | 74       | $\vdash$ | $\dashv$ |          |          | <del> </del>   |              | ┢  |  | $\vdash \vdash$ |
| 25       | =             | <u> </u>     | $\vdash$   | $\vdash$ | $\vdash$   | $\vdash$   | -  | <del> </del>                                     |  |   |       | 75       |          | $\dashv$ |          |          |                | <del> </del> |  | <del> </del>                                     | -               |
| 20       | +=            |              |  | $\vdash$ | $\vdash$   | -  | <del> </del>                                     | <del>                                     </del> | <del> </del>                                     |   | -     | 76       |          | $\dashv$ |          |          | <del> </del> - | <del> </del> |  |  | $\vdash \vdash$ |
| 26       | =             | <u> </u>     |  |          |  |  |  |  |  |   |       | 76       |          | -        |          |          | <b> </b> -     | <b> </b>     | <del> </del>                                     | <u> </u>   | $\vdash \vdash$ |
| 27       |               | $\vdash$     | _  | <u> </u> | $\vdash$   | <u> </u>   | <b> </b> -                                       |  | <del> </del> —                                   |   |       | 77       |          | -        |          |          | <u> </u>       |              | <del> </del> —                                   | $\vdash$   | Ш               |
| 28       | =             | <u> </u>     |  |          | $\vdash$   | $\vdash$   | H  | <u> </u>   | <u> </u>   |   |       | 78       |          | Щ        |          |          | <u> </u>       | $\vdash$     | <u> </u>   | $\vdash$   | Ш               |
| 29       |               | <u> </u>     | <u> </u>   | Щ        | _  | <u> </u>   | $ldsymbol{ldsymbol{eta}}$                        | <u> </u>   | <u> </u>   |   |       | 79       |          |          |          |          | <u> </u>       | <u> </u>     | <u> </u>   | _  | Ш               |
| 30       |               |              |  |          |  | _  |  |  | <u> </u>   |   |       | 80       |          |          |          |          | _              | _            |  |  |                 |
| 31       | =             | <u> </u>     |  | $\Box$   |  |  | <u> </u>   |  | _  |   |       | 81       | Ш        |          |          |          | <u> </u>       | <u> </u>     | <u> </u>   |  | L               |
| 32       | =             |              | <u> </u>   |          |  | <u> </u>   | <u> </u>   | L  | <u> </u>   |   |       | 82       |          |          |          |          |                | _            |  |  |                 |
| 33       |               | _            |  |          |  |  |  |  |  |   |       | 83       |          |          |          |          | _              |              |  |  |                 |
| 34       | . =           |              |  |          |  |  |  |  |  |   |       | 84       |          |          |          |          |                |              |  |  |                 |
| 35       |               |              |  |          |  |  |  |  |  |   |       | 85       |          |          |          |          | L              | L            | L  |  |                 |
| 36       |               | Γ            |  |          |  |  |  |  |  |   |       | 86       |          |          |          |          |                |              |  |  |                 |
| 37       | 1             | Г            | Г  |          |  |  |  |  |  |   |       | 87       |          |          |          |          |                |              |  |  |                 |
| 38       |               | Ι            |  |          | Ī  |  | Ī  |  |  |   |       | 88       | П        |          |          |          |                |              | П  |  |                 |
| 39       | 1             |              |  |          |  |  |  |  |  |   |       | 89       |          |          |          |          | Γ              |              |  |  | П               |
| 40       | 1             |              | П  |          |  |  |  |  | $\vdash$   |   |       | 90       | М        |          |          |          |                |              |  | Г  | П               |
| 41       |               | Г            | П  |          |  |  |  | Т  |  |   |       | 91       |          |          |          |          | · · ·          |              |  |  | П               |
| 42       |               |              | Н  | $\vdash$ | $\vdash$   | $\vdash$   | <del>                                     </del> |  | <del>                                     </del> | i |       | 92       |          |          |          |          |                |              |  | $\vdash$   | H               |
| 43       |               | -            |  |          |  |  | -  | $\vdash$   |  |   |       | 93       | -        |          |          |          | _              | _            | -  | <del>                                     </del> | $\vdash$        |
| 44       |               |              | $\vdash$   |          | -  |  | $\vdash$   | <del> </del>                                     |  |   |       | 94       | $\vdash$ |          |          | -        | -              | -            | -  | $\vdash$   | $\vdash\dashv$  |
| 45       |               |              |  |          | -  | -  |  | -  |  |   |       | 95       | $\vdash$ | -        |          | -        | -              | $\vdash$     | $\vdash$   | -  | $\vdash$        |
|          |               |              |  |          | -  | $\vdash$   | <del> </del>                                     | ├  | -  |   |       |          | $\vdash$ |          |          | ٠.       | -              | <del> </del> | ├  | ├  | $\vdash$        |
| 46       |               |              | <del>                                     </del> | $\vdash$ | $\vdash$   | $\vdash$   |  |  | -  |   |       | 96       | Н        |          | _        | _        | ├-             |              | ├-   | <del> </del>                                     | $\vdash$        |
| 47       |               | ⊢            | <del>                                     </del> | $\vdash$ | $\vdash$   | _  | _  |  | <b> </b> -                                       |   |       | 97       | $\vdash$ |          | <u> </u> | <u> </u> | <u> </u>       | <u> </u>     | <del> </del>                                     | <u> </u>   | $\vdash \vdash$ |
| 48       |               | <u> </u>     | <u> </u>   | L        | <u> </u>   | 1_   | <u> </u>   | _  | <u> </u>   |   | L     | 98       | Щ        |          | <u> </u> | _        | <u> </u>       | <u> </u>     | <b> </b>   | <u> </u>   | Ш               |
| 49<br>50 |               | <u> </u>     | <u> </u>   | <u> </u> | <u> </u>   | <u> </u>   | <u> </u>   | L  | <u> </u>   |   |       | 99       | Щ        |          | <u> </u> | L_       | <u> </u>       | <u> </u>     | $\vdash$   | <u> </u>   | Щ               |
|          |               |              |  |          | 1  | 1  |  |  |  |   |       | 100      |          |          |          |          | 1              |              |  |  | ı 1             |

| Cla   | aim                                    |              |              |  | [        | Date     | 3            |  |  |           |
|-------|--|--------------|--------------|--|----------|----------|--------------|--|--|-----------|
|       |  |              |              |  |          |          |              |  |  | П         |
| ਗ     | Original                               |              |              |  |          |          |              |  |  |           |
| Final | ij                                     |              |              |  |          |          |              |  |  |           |
| _     | ō                                      |              |              |  |          |          |              |  |  |           |
|       | 101                                    | -            |              |  |          |          |              |  |  | Н         |
|       | 101<br>102                             | $\vdash$     |              |  | -        | -        |              | _  |  | -         |
|       | 102                                    | H            |              |  |          | _        |              |  | _  |           |
|       | 103<br>104                             | _            |              | _  |          |          |              |  | _  |           |
|       | 104                                    | <u> </u>     | _            |  |          | -        |              |  |  | -         |
|       | 105                                    |              |              | _  |          | _        | _            |  |  | -         |
|       | 106<br>107                             |              |              |  |          | _        |              |  |  | -         |
|       | 107                                    |              |              | _  |          | _        |              |  |  | $\dashv$  |
|       | 108<br>109                             | _            |              |  |          |          |              |  |  | Щ         |
|       | 109                                    |              |              |  |          |          |              |  |  | Ц         |
|       | 110                                    |              |              |  |          |          |              |  |  | $\Box$    |
|       | 111<br>112<br>113                      |              |              | L_   | L_       |          |              |  |  | Ш         |
|       | 112                                    |              |              | $ldsymbol{ld}}}}}}$ | Ш        |          |              |  |  | $\square$ |
|       | 113                                    |              |              | لَـــا   |          |          | _            |  |  | Ш         |
|       | 114                                    |              |              | Ĺ  |          | L        |              |  |  |           |
|       | 114<br>115                             |              |              |  |          |          |              |  |  |           |
|       | 116                                    |              |              |  |          |          | L            |  |  |           |
|       | 117                                    |              |              |  |          |          |              |  |  |           |
|       | 118                                    |              |              |  |          |          |              |  |  |           |
|       | 119                                    |              |              |  | $\Box$   | _        |              |  |  |           |
|       | 120                                    |              |              |  |          |          |              |  |  |           |
|       | 116<br>117<br>118<br>119<br>120<br>121 |              |              |  |          |          |              |  | _  |           |
|       | 122                                    |              | -            | _  |          |          | <u> </u>     |  |  |           |
|       | 123                                    |              |              |  | _        | _        | _            |  |  | $\vdash$  |
|       | 122<br>123<br>124<br>125<br>126        |              |              |  |          | _        |              | _  |  |           |
|       | 125                                    | -            |              |  |          | _        | <del></del>  |  |  | $\vdash$  |
|       | 126                                    | $\vdash$     | -            | _  | _        |          | $\vdash$     |  |  | $\vdash$  |
|       | 127                                    |              |              |  |          |          | $\vdash$     |  |  | $\vdash$  |
|       | 127<br>128<br>129                      |              |              |  |          |          |              |  |  |           |
|       | 120                                    | -            |              |  | -        |          | _            |  | _  |           |
|       | 129                                    |              | _            | _  | -        |          |              |  |  |           |
|       | 130<br>131<br>132                      |              | <del></del>  | -  | -        | -        | ۳.           | $\vdash$   | $\vdash$   |           |
|       | 137                                    |              | $\vdash$     | <u> </u>   | $\vdash$ | -        | <del> </del> |  | -  |           |
|       | 132                                    | $\vdash$     | <u> </u>     |  | -        | <u> </u> |              |  | <u> </u>   | <u> </u>  |
|       | 133<br>134                             |              |              | <u> </u>   | <u> </u> | <u> </u> | <u> </u>     | <b></b> -  | <b> </b> -                                       | $\vdash$  |
|       | 134                                    | L            |              | _  | <u> </u> | <u> </u> | <u> </u>     |  | _  | Щ         |
|       | 135                                    | <u> </u>     |              | <u> </u>   | <u> </u> | <u> </u> | _            |  | <u> </u>   | Щ         |
|       | 136<br>137                             | <u> </u>     |              | <u> </u>   | <u> </u> | <u> </u> | -            |  |  | Щ         |
|       | 137                                    | $\vdash$     | L.           | <u> </u>   | <u> </u> | <u> </u> | <u> </u>     |  | ļ  | Щ         |
|       | 138<br>139                             | <u> </u>     | _            |  |          | <u> </u> | _            | _  | <u> </u>   | Щ         |
|       | 139                                    |              | <u> </u>     | <u> </u>   | <u> </u> | <u> </u> | <u> </u>     |  | <u> </u>   | Щ         |
|       | 140                                    | _            |              | <u> </u>   | _        |          | <u> </u>     |  | <u> </u>   | Щ         |
|       | 141                                    | _            |              | <u> </u>   | L_       |          | L.           | _  | _  | Щ         |
|       | 142                                    | L_           | <u> </u>     | <u> </u>   | L        | L_       |              | _  | <u> </u>   | $\sqcup$  |
|       | 143                                    | L_           |              |  |          | <u> </u> |              | L  | L  | Ш         |
|       | 144                                    | Ĺ            |              |  |          |          |              | $\Box$   | L  |           |
|       | 145                                    |              |              |  |          |          |              |  |  |           |
|       | 146                                    |              |              |  |          |          |              |  |  | П         |
|       | 147                                    |              |              |  | $\Box$   | Γ        | T            | <u> </u>   |  | П         |
|       | 148                                    |              |              | İ  | Г        |          |              |  |  | М         |
|       | 149                                    |              |              |  |          |          | _            | Г  | <del>                                     </del> | Н         |
|       | 150                                    | <del> </del> | <del> </del> | $\vdash$   | $\vdash$ | Н        | Н            | <del>                                     </del> | _  | $\vdash$  |
|       | 1.50                                   | <u> </u>     | L            |  |          | Щ        | Ь            |  | <b>.</b>   | ш         |